Nicola L Harris

List of Publications by Year in Descending Order

99 papers	7,874 citations	38 h-index	88 g-index
108 ext. papers	9,246 ext. citations	12.7 avg, IF	6.05 L-index

#	Paper	IF	Citations
99	Intestinal epithelial tuft cell induction is negated by a murine helminth and its secreted products. *Journal of Experimental Medicine*, **2022**, 219,	16.6	5
98	Microbial regulation of intestinal motility provides resistance against helminth infection.. *Mucosal Immunology*, **2022**,	9.2	2
97	Novel High-Throughput Fluorescence-Based Assay for the Identification of Nematocidal Compounds That Target the Blood-Feeding Pathway. *Pharmaceuticals*, **2022**, 15, 669	5.2	
96	A helminth-induced antimicrobial protein. *Science*, **2021**, 374, 682-683	33.3	
95	Microbiome-induced antigen-presenting cell recruitment coordinates skin and lung allergic inflammation. *Journal of Allergy and Clinical Immunology*, **2021**, 147, 1049-1062.e7	11.5	7
94	Enteric neuroimmune interactions coordinate intestinal responses in health and disease. *Mucosal Immunology*, **2021**,	9.2	7
93	Microbial metabolism of L-tyrosine protects against allergic airway inflammation. *Nature Immunology*, **2021**, 22, 279-286	19.1	17
92	Immune serum-activated human macrophages coordinate with eosinophils to immobilize Ascaris suum larvae. *Parasite Immunology*, **2020**, 42, e12728	2.2	5
91	The emerging roles of eosinophils in mucosal homeostasis. *Mucosal Immunology*, **2020**, 13, 574-583	9.2	30
90	Hookworms Evade Host Immunity by Secreting a Deoxyribonuclease to Degrade Neutrophil Extracellular Traps. *Cell Host and Microbe*, **2020**, 27, 277-289.e6	23.4	29
89	Interactions between macrophages and helminths. *Parasite Immunology*, **2020**, 42, e12717	2.2	17
88	Preparation of Larvae for the Study of Host Skin Response. *Bio-protocol*, **2020**, 10, e3849	0.9	0
87	Infection with a small intestinal helminth, Heligmosomoides polygyrus bakeri, consistently alters microbial communities throughout the murine small and large intestine. *International Journal for Parasitology*, **2020**, 50, 35-46	4.3	13
86	Links Between Inflammatory Bowel Disease and Chronic Obstructive Pulmonary Disease. *Frontiers in Immunology*, **2020**, 11, 2144	8.4	16
85	A Dangerous Liaison with a Conscience. *Immunity*, **2020**, 53, 702-704	32.3	
84	The Intestinal Epithelium at the Forefront of Host-Helminth Interactions. *Trends in Parasitology*, **2020**, 36, 761-772	6.4	13
83	An anti-inflammatory eicosanoid switch mediates the suppression of type-2 inflammation by helminth larval products. *Science Translational Medicine*, **2020**, 12,	17.5	20

82	Neutrophil-macrophage cooperation and its impact on tissue repair. *Immunology and Cell Biology*, **2019**, 97, 289-298	5	21
81	IL-4R□Expressing B Cells Are Required for CXCL13 Production by Fibroblastic Reticular Cells. *Cell Reports*, **2019**, 27, 2442-2458.e5	10.6	12
80	Helminths and microbiota - partners in arthritis prevention?. *Nature Reviews Rheumatology*, **2019**, 15, 454-455	8.1	1
79	ILC2s-Trailblazers in the Host Response Against Intestinal Helminths. *Frontiers in Immunology*, **2019**, 10, 623	8.4	11
78	CMOS and 3D Printing for NMR Spectroscopy at the Single Embryo Scale. *Chimia*, **2019**, 73, 635	1.3	
77	The interplay of type 2 immunity, helminth infection and the microbiota in regulating metabolism. *Clinical and Translational Immunology*, **2019**, 8, e01089	6.8	11
76	House dust mite drives proinflammatory eicosanoid reprogramming and macrophage effector functions. *Allergy: European Journal of Allergy and Clinical Immunology*, **2019**, 74, 1090-1101	9.3	14
75	Helminth-Bacterial Interactions: Cause and Consequence. *Trends in Immunology*, **2018**, 39, 724-733	14.4	42
74	Inflammatory arthritis and systemic bone loss are attenuated by gastrointestinal helminth parasites. *Autoimmunity*, **2017**, 50, 151-157	3	6
73	Enteric helminth-induced type I interferon signaling protects against pulmonary virus infection through interaction with the microbiota. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 1068-1078.e6	11.5	70
72	Only Two Can Tango: Mast Cells Displace Epithelial Cells to Dance with ILC2s. *Immunity*, **2017**, 46, 766-768	32.3	2
71	Microbiota Analysis Using an Illumina MiSeq Platform to Sequence 16S rRNA Genes. *Current Protocols in Mouse Biology*, **2017**, 7, 100-129	1.1	22
70	Specific repair by discerning macrophages. *Science*, **2017**, 356, 1014	33.3	19
69	Interactions between fibroblastic reticular cells and B cells promote mesenteric lymph node lymphangiogenesis. *Nature Communications*, **2017**, 8, 367	17.4	32
68	Neuronal regulation of type 2 innate lymphoid cells via neuromedin U. *Nature*, **2017**, 549, 277-281	50.4	300
67	NMR spectroscopy of single sub-nL ova with inductive ultra-compact single-chip probes. *Scientific Reports*, **2017**, 7, 44670	4.9	28
66	Recent Advances in Type-2-Cell-Mediated Immunity: Insights from Helminth Infection. *Immunity*, **2017**, 47, 1024-1036	32.3	97
65	The Study of Host Immune Responses Elicited by the Model Murine Hookworms Nippostrongylus brasiliensis and Heligmosomoides polygyrus. *Current Protocols in Mouse Biology*, **2017**, 7, 236-286	1.1	14

64	Intimate gut interactions: helminths and the microbiota. *Cell Research*, **2016**, 26, 861-2	24.7	4
63	IMMUNOLOGY. The enigmatic tuft cell in immunity. *Science*, **2016**, 351, 1264-5	33.3	11
62	Interactions between the intestinal microbiome and helminth parasites. *Parasite Immunology*, **2016**, 38, 5-11	2.2	93
61	Microbiome and Allergy **2016**, 336-345		1
60	Exploiting Old Pathogens to Create New Therapeutics. *Cell Host and Microbe*, **2016**, 20, 705-707	23.4	1
59	Nicola L. Harris: Tracking Down That Gut Feeling. *Trends in Parasitology*, **2016**, 32, 507-508	6.4	
58	Lymphotoxin-Dependent B Cell-FRC Crosstalk Promotes De Novo Follicle Formation and Antibody Production following Intestinal Helminth Infection. *Cell Reports*, **2016**, 15, 1527-1541	10.6	38
57	The microbiota and susceptibility to asthma **2016**, 361-370		
56	Parasite Proximity Drives the Expansion of Regulatory T Cells in Peyer□s Patches following Intestinal Helminth Infection. *Infection and Immunity*, **2015**, 83, 3657-65	3.7	16
55	Concerted activity of IgG1 antibodies and IL-4/IL-25-dependent effector cells trap helminth larvae in the tissues following vaccination with defined secreted antigens, providing sterile immunity to challenge infection. *PLoS Pathogens*, **2015**, 11, e1004676	7.6	51
54	Immune antibodies and helminth products drive CXCR2-dependent macrophage-myofibroblast crosstalk to promote intestinal repair. *PLoS Pathogens*, **2015**, 11, e1004778	7.6	24
53	The Intestinal Microbiota Contributes to the Ability of Helminths to Modulate Allergic Inflammation. *Immunity*, **2015**, 43, 998-1010	32.3	260
52	Immunology: Chronic effects of acute infections. *Nature*, **2015**, 526, 509-10	50.4	1
51	Antibody-mediated trapping of helminth larvae requires CD11b and Fc□receptor I. *Journal of Immunology*, **2015**, 194, 1154-63	5.3	22
50	Gut microbiota metabolism of dietary fiber influences allergic airway disease and hematopoiesis. *Nature Medicine*, **2014**, 20, 159-66	50.5	1538
49	Cell-wall deficient L. monocytogenes L-forms feature abrogated pathogenicity. *Frontiers in Cellular and Infection Microbiology*, **2014**, 4, 60	5.9	8
48	Thymic stromal lymphopoietin plays divergent roles in murine models of atopic and nonatopic airway inflammation. *Allergy: European Journal of Allergy and Clinical Immunology*, **2014**, 69, 1333-42	9.3	13
47	Mucosal immune responses following intestinal nematode infection. *Parasite Immunology*, **2014**, 36, 439-52	2.2	37

46	Understanding the role of antibodies in murine infections with Heligmosomoides (polygyrus) bakeri: 35 years ago, now and 35 years ahead. *Parasite Immunology*, **2014**, 36, 115-24	2.2	16
45	Intestinal bacteria induce TSLP to promote mutualistic T-cell responses. *Mucosal Immunology*, **2013**, 6, 1157-67	9.2	50
44	Antibodies trap tissue migrating helminth larvae and prevent tissue damage by driving IL-4R independent alternative differentiation of macrophages. *PLoS Pathogens*, **2013**, 9, e1003771	7.6	78
43	IL-1 suppresses innate IL-25 and IL-33 production and maintains helminth chronicity. *PLoS Pathogens*, **2013**, 9, e1003531	7.6	91
42	TSLP promotes influenza-specific CD8+ T-cell responses by augmenting local inflammatory dendritic cell function. *Mucosal Immunology*, **2013**, 6, 83-92	9.2	28
41	The mucosal adjuvant cholera toxin B instructs non-mucosal dendritic cells to promote IgA production via retinoic acid and TGF- *PLoS ONE*, **2013**, 8, e59822	3.7	27
40	KAP1 regulates gene networks controlling mouse B-lymphoid cell differentiation and function. *Blood*, **2012**, 119, 4675-85	2.2	31
39	Antibodies and IL-3 support helminth-induced basophil expansion. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 14954-9	11.5	38
38	KAP1 regulates gene networks controlling T-cell development and responsiveness. *FASEB Journal*, **2012**, 26, 4561-75	0.9	37
37	Human U6 promoter drives stronger shRNA activity than its schistosome orthologue in Schistosoma mansoni and human fibrosarcoma cells. *Transgenic Research*, **2012**, 21, 511-21	3.3	21
36	Cre-mediated cell ablation contests mast cell contribution in models of antibody- and T cell-mediated autoimmunity. *Immunity*, **2011**, 35, 832-44	32.3	254
35	To B or not to B: B cells and the Th2-type immune response to helminths. *Trends in Immunology*, **2011**, 32, 80-8	14.4	115
34	Advances in helminth immunology: optimism for future vaccine design?. *Trends in Parasitology*, **2011**, 27, 288-93	6.4	15
33	Dysregulation of allergic airway inflammation in the absence of microbial colonization. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 184, 198-205	10.2	306
32	HVEM signalling promotes colitis. *PLoS ONE*, **2011**, 6, e18495	3.7	15
31	Tissue macrophages suppress viral replication and prevent severe immunopathology in an interferon-I-dependent manner in mice. *Hepatology*, **2010**, 52, 25-32	11.2	62
30	Helminth products bypass the need for TSLP in Th2 immune responses by directly modulating dendritic cell function. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 13968-73	11.5	142
29	Aggravation of viral hepatitis by platelet-derived serotonin. *Nature Medicine*, **2008**, 14, 756-61	50.5	192

28	Polyclonal and specific antibodies mediate protective immunity against enteric helminth infection. *Cell Host and Microbe*, **2008**, 4, 362-73	23.4	129
27	CD4+ and CD8+ T cells exhibit differential requirements for CCR7-mediated antigen transport during influenza infection. *Journal of Immunology*, **2008**, 181, 6984-94	5.3	31
26	Intestinal bacteria condition dendritic cells to promote IgA production. *PLoS ONE*, **2008**, 3, e2588	3.7	89
25	Nippostrongylus brasiliensis infection leads to the development of emphysema associated with the induction of alternatively activated macrophages. *European Journal of Immunology*, **2008**, 38, 479-88	6.1	77
24	A lymphocytic choriomeningitis virus glycoprotein variant that is retained in the endoplasmic reticulum efficiently cross-primes CD8(+) T cell responses. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 13426-31	11.5	21
23	IL-21 receptor signaling is integral to the development of Th2 effector responses in vivo. *Blood*, **2007**, 109, 2023-31	2.2	141
22	Expression of lymphotoxin beta governs immunity at two distinct levels. *European Journal of Immunology*, **2006**, 36, 2061-75	6.1	38
21	Nonneutralizing antibodies binding to the surface glycoprotein of lymphocytic choriomeningitis virus reduce early virus spread. *Journal of Experimental Medicine*, **2006**, 203, 2033-42	16.6	40
20	Mechanisms of neonatal mucosal antibody protection. *Journal of Immunology*, **2006**, 177, 6256-62	5.3	167
19	Natural IgE production in the absence of MHC Class II cognate help. *Immunity*, **2006**, 24, 329-39	32.3	88
18	Nuclear factor of activated T (NFAT) cells activity within CD4+ T cells is influenced by activation status and tissue localisation. *Microbes and Infection*, **2006**, 8, 232-7	9.3	2
17	Immunoprivileged status of the liver is controlled by Toll-like receptor 3 signaling. *Journal of Clinical Investigation*, **2006**, 116, 2456-63	15.9	123
16	Tissue localization and frequency of antigen-specific effector CD4 T cells determines the development of allergic airway inflammation. *Immunology and Cell Biology*, **2005**, 83, 490-7	5	3
15	Toll-like receptor engagement converts T-cell autoreactivity into overt autoimmune disease. *Nature Medicine*, **2005**, 11, 138-45	50.5	316
14	Inverse correlation between IL-7 receptor expression and CD8 T cell exhaustion during persistent antigen stimulation. *European Journal of Immunology*, **2005**, 35, 738-45	6.1	132
13	Requirement for neutralizing antibodies to control bone marrow transplantation-associated persistent viral infection and to reduce immunopathology. *Journal of Immunology*, **2005**, 175, 5524-31	5.3	2
12	Bystander suppression of allergic airway inflammation by lung resident memory CD8+ T cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 6116-21	11.5	64
11	Deliberate removal of T cell help improves virus-neutralizing antibody production. *Nature Immunology*, **2004**, 5, 934-42	19.1	74

10	Interactions between commensal intestinal bacteria and the immune system. *Nature Reviews Immunology*, **2004**, 4, 478-85	36.5	1141
9	Public, private and non-specific antibodies induced by non-cytopathic viral infections. *Current Opinion in Microbiology*, **2004**, 7, 426-33	7.9	8
8	The functions of mucosal T cells in containing the indigenous commensal flora of the intestine. *Cellular and Molecular Life Sciences*, **2002**, 59, 2088-96	10.3	61
7	Differential T cell function and fate in lymph node and nonlymphoid tissues. *Journal of Experimental Medicine*, **2002**, 195, 317-26	16.6	173
6	CD80 costimulation is required for Th2 cell cytokine production but not for antigen-specific accumulation and migration into the lung. *Journal of Immunology*, **2001**, 166, 4908-14	5.3	19
5	Differential requirement for CD80 and CD80/CD86-dependent costimulation in the lung immune response to an influenza virus infection. *Journal of Immunology*, **2000**, 164, 79-85	5.3	79
4	The role of B7 costimulation in T-cell immunity. *Immunology and Cell Biology*, **1999**, 77, 304-11	5	123
3	CTLA4-Ig inhibits optimal T helper 2 cell development but not protective immunity or memory response to Nippostrongylus brasiliensis. *European Journal of Immunology*, **1999**, 29, 311-6	6.1	42
2	CD80 costimulation is essential for the induction of airway eosinophilia. *Journal of Experimental Medicine*, **1997**, 185, 177-82	16.6	108
1	Blockade of CD28/B7 co-stimulation by mCTLA4-Hgamma1 inhibits antigen-induced lung eosinophilia but not Th2 cell development or recruitment in the lung. *European Journal of Immunology*, **1997**, 27, 155-61	6.1	49